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IN THE CLAIMS

Please amend Claims 1-17 as follows:

--1. (Amended) A high [High] voltage resistance, [characterized in that it comprises] comprising:

at least one support [(21)] and a flat conductor [(22)] with length  $L$ , width  $\ell$  and thickness  $e$  fixed to the support and with a given resistivity  $\rho$ ,

wherein the value  $R$  of the resistance being equal to  $\rho L/\ell e$ , the value of the length  $L$ , width  $\ell$ , and the thickness  $e$  being defined such that [the] a mass of the flat conductor [(22)] is sufficient to] resists electrical arcing without exceeding a given temperature.

2. (Amended) Resistance according to claim 1, [characterized in that] wherein said support [(21)] is an organic substrate.

3. (Amended) Resistance according to claim 1, [characterized in that] wherein said conductor [(22)] is fixed to the support by means of an organic glue.

4. (Amended) Resistance according to [any one of the previous claims] claim 1, [characterized in that] wherein said flat conductor [(22)] is in the shape of a coil.

5. (Amended) Resistance according to claim 4, [characterized in that] wherein said flat conductor [(22)] comprises parallel straight segments [(23, 24)].

6. (Amended) Resistance according to [any one of the previous claims] claim 5, [characterized in the] wherein said flat conductor [(22)] comprises a nickel alloy.

7. (Amended) Resistance according to [any one of the previous claims] claim 6, [characterized in that] wherein said flat conductor [(22)] is covered by an insulating layer [(32)].

8. (Amended) Resistance according to claim 7, [characterized in that] wherein said insulating layer is an organic substrate.

9. (Amended) Resistance according to claim 8 [claim 2 and any one of claims 4 to 8], [characterized in that] wherein said organic substrate is fixed to a ceramic support [(34)].

10. (Amended) Resistance according to claim 8 [claim 2 and any one of claims 4 to 8], [characterized in that] wherein said resistance is folded on itself.

11. (Amended) Resistance according to claim 10, [characterized in that] wherein said organic substrate is fixed on the two sides of a ceramic support.

12. (Amended) Resistance according to [any one of the previous claims] claim 11, [characterized in that it comprises] further comprising connection wires, [the] with ends [of which are] soldered onto connection strips [(25, 26)] of said flat conductor [(22)].

13. (Amended) Resistance according to [any one of the previous claims] claim 12, [characterized in that it] wherein said resistance is fixed to the bottom of a ceramic casing [(61)].

14. (Amended) Resistance according to claim 13, [characterized in that] wherein said resistance is protected by a resin poured in said casing.

15. (Amended) Microwave tube emitter, [characterized in that it is] wherein said microwave tube emitter is equipped with at least one resistance [or several limitation resistance(s)] according to [any one of the previous claims] claim 14.

16. (Amended) Emitter according to claim 15, [characterized in that] wherein said at least one resistance [resistance(s)] is [(are)] wired onto [the] a cathode of the tube grid.

17. (Amended) Emitter according to claim 15, [characterized in that] wherein said at least one resistance [resistance(s)] is [(are)] wired onto [the] a tube collector.--